

What is claimed is:

1. A method for transferring at least one predetermined command by a user to a communication device using a cradle, comprising the steps of:

5 pushing said communication device in a predetermined direction to impose a pushing action on, or to make a physical contact of said communication device, with at least one switch of the cradle to reverse a state of said at least one switch, wherein said communication device is mounted on said cradle and optionally there is no said physical contact before said pushing; and

10 communicating said reversal of the state of said at least one switch to said communication device, wherein said reversal is interpreted by the communication device as said at least one predetermined command by the user.

2. The method of claim 1, wherein the step of pushing said communication device is implemented by applying a mechanical force to said communication device by the user, and wherein said pushing action or said physical contact is characterized  
15 in that said mechanical force creates a push force of said communication device on the at least one switch.

3. The method of claim 2, wherein said at least one switch is a vertical switch located on a bottom of the cradle in such a way that said vertical switch reverses its state when the push force is in a vertical direction, wherein said communication  
20 device is optionally supported by said vertical switch when the push force is not applied.

4. The method of claim 3, wherein there is the at least one switch in addition to the vertical switch contained in the cradle and said vertical switch is used as a pivotal point for guiding the communication device towards said at least one switch.

25 5. The method of claim 4, wherein said pivotal point is used as the vertical switch with the higher push force required for its reversal than for any other of the at

least one switch, or said pivotal point is only used for said guiding and not as a reversal switch.

6. The method of claim 3, wherein, in addition to said vertical switch, said at least one switch is located on the bottom of the cradle in a plane parallel to a front plane of said communication device and containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a front tilting motion of said communication device in the plane parallel to the front plane of said communication device optionally using said vertical switch as a pivotal point for facilitating said front tilting motion.

7. The method of claim 3, wherein, in addition to said vertical switch, said at least one switch is located on the bottom of the cradle in a plane parallel to a side plane of said communication device and containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a side tilting motion of said communication device in the plane parallel to the side plane of said communication device optionally using said vertical switch as a pivotal point for facilitating the side tilting motion.

8. The method of claim 3, wherein, in addition to said vertical switch, said at least one switch is located on a side of the cradle, said side being perpendicular to said bottom, in a plane parallel to a front plane of said communication device and containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a front tilting motion of said communication device in the plane parallel to the front plane of said communication device optionally using said vertical switch as a pivotal point for facilitating said front tilting motion.

9. The method of claim 3, wherein, in addition to said vertical switch, said at least one switch is located on a side of the cradle, said side being perpendicular to said bottom, in a plane parallel to a side plane of said communication device and containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a side tilting motion of said communication device

in the plane parallel to the side plane of said communication device optionally using said vertical switch as a pivotal point for facilitating the side tilting motion.

10. The method of claim 1, wherein the step of communicating said reversal comprises the steps of:

5 sending at least one reversal signal by the at least one switch to a communication block; and

sending at least one command signal by the communication block to the communication device, wherein said at least one command signal completes said transferring of said at least one predetermined command signal.

10 11. The method of claim 9, wherein the at least one command signal is sent via a wire connection or via a wireless connection by the communication block to the communication device.

12. The method of claim 1, wherein said communication device is a mobile device or a mobile phone.

15 13. The method of claim 1, wherein the step of pushing said communication device in a predetermined direction is performed by the user.

14. The method of claim 1, wherein said cradle is attached to a car dashboard or to a handle bar of a bicycle.

20 15. A cradle for transferring at least one predetermined command to a communication device by a user, comprising:

at least one switch, responsive to a pushing action of, or to making a physical contact with, said communication device facilitated by pushing said communication device in a predetermined direction by a user, for providing a reversal signal indicative of changing a state of said at least one switch in response to said push or  
25 the physical contact, wherein said communication device is mounted on said cradle and optionally there is no said physical contact before said pushing is applied; and

a communication block, responsive to said reversal signal, for providing a command signal to said communication device, wherein said at least one command signal completes said transferring of said at least one predetermined command signal to the communication device by the user.

5 16. The cradle of claim 15, wherein the command signal is sent via a wire connection or via a wireless connection by the communication block to the communication device.

10 17. The cradle of claim 15, wherein said pushing of said communication device is implemented by applying a mechanical force to said communication device by the user, and wherein said pushing action or a physical contact is characterized in that said mechanical force creates a push force of said communication device on the at least one switch.

15 18. The cradle of claim 17, wherein said at least one switch is a vertical switch located on a bottom of the cradle in such a way that said at least one switch reverses its state when the push force is in a vertical direction, wherein said communication device is optionally supported by said vertical switch when the push force is not applied.

20 19. The cradle of claim 18, wherein there is the at least one switch in addition to the vertical switch contained in the cradle and said vertical switch is used as a pivotal point for guiding the communication device towards said at least one switch.

20. The cradle of claim 19, wherein said pivotal point is used as the vertical switch with the higher push force required for its reversal than for any other of the at least one switch, or said pivotal point is only used for said guiding and not as a reversal switch.

25 21. The cradle of claim 18, wherein, in addition to said vertical switch, said at least one switch is located on the bottom of the cradle in a plane parallel to a front plane of said communication device and containing said vertical switch and wherein

said at least one switch reverses its state when the push force is created by a front tilting motion of said communication device in the plane parallel to the front plane of said communication device optionally using said vertical switch as a pivotal point for facilitating said front tilting motion.

5 22. The cradle of claim 18, wherein, in addition to said vertical switch, said at least one switch is located on the bottom of the cradle in a plane parallel to a side plane of said communication device and containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a side  
10 tilting motion of said communication device in the plane parallel to the side plane of said communication device optionally using said vertical switch as a pivotal point for facilitating the side tilting motion.

23. The cradle of claim 18, wherein, in addition to said vertical switch, said at least one switch is located on a side of the cradle, said side being perpendicular to said bottom, in a plane parallel to a front plane of said communication device and  
15 containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a front tilting motion of said communication device in the plane parallel to the front plane of said communication device optionally using said vertical switch as a pivotal point for facilitating said front tilting motion.

24. The cradle of claim 18, wherein, in addition to said vertical switch, said at least one switch is located on a side of the cradle, said side being perpendicular to said bottom, in a plane parallel to a side plane of said communication device and  
20 containing said vertical switch and wherein said at least one switch reverses its state when the push force is created by a side tilting motion of said communication device in the plane parallel to the side plane of said communication device optionally using  
25 said vertical switch as a pivotal point for facilitating the side tilting motion.

25. The cradle of claim 15, wherein said communication device mounted on said cradle is a mobile device or a mobile phone.

26. The cradle of claim 15, wherein said cradle is attached to a car dashboard or to a handle bar of a bicycle.